designs or purchasing a 3D manufacturing apparatus **108** for producing a MOD item **110**. FIG. **20** is a flow chart representing a process **2000** that can be executed by a system **200** for providing the designs and 3D manufacturing apparatuses **108** for producing mod items **110**. At **2002**, the order module **402** can provide an electronic marketplace for consumption of a plurality of items. Each of the items can have 3D manufacturing instructions **107** associated with the particular item. For example, a library of designs can be presented to a user **102**. These designs may be provided by the service provider **101** and/or one or more suppliers **103**. The user **102** may select a design for a MOD item **110** that the user **102** would like produced by a 3D manufacturing apparatus **108** of the service provider **101**. At **2004**, responsive to selection of one of the items by a user **102**, the manufacture module **802** can provide 3D manufacturing instructions **107** to a 3D manufacturing apparatus **108** to manufacture the item based on the 3D manufacturing instructions **107**. At **2006**, the delivery module **1002** can provide delivery instructions for delivering the manufactured item to the user **102**.

[0118] In some aspects, a user **102** may be only interested in services providing the use of a 3D manufacturing apparatus **108** for producing MOD items **110**. For example, the user **102** may already have designs for producing a MOD item **110** via the 3D manufacturing apparatus **108**. As more specific examples, the user **102** may be an engineer with a virtual model of a part that he or she would like to physically manipulate or an architect with a CAD model of a building that he or she would like to convert into a physical model to provide to a client. At **2008**, the order module **402** can receive data that can be utilized for producing 3D manufacturing instructions **107** (e.g., a 3D model) from a user **102**. The data can be provided by the user **102** via the browser application **206**. The data can be associated with a design for a MOD item **110** not available in the plurality of items presented in the electronic marketplace. For example, the data may be a model produced in modeling software by the user **102**. In another example, the data may be a model produced by a 3-dimensional scan of an object. At **2010**, the manufacture module **802** can provide 3D manufacturing instructions **107** to a 3D manufacturing apparatus **108** to manufacture the item based on the data received at **2008**. At **2012**, the delivery module **1002** can provide delivery instructions for delivering the MOD item to the user **102**.

[0119] In some aspects, a user **102** may be only interested in designs for producing MOD items **110**. For example, the user **102** may already own or control a 3D manufacturing apparatus **108** and may desire to produce a MOD item **110** via that 3D manufacturing apparatus **108**. As a more specific example, a user **102** may wish to sample a texture of a fabric before ordering clothing having that fabric. FIG. **21** is a flow chart representing a process **2100** that can be executed by a system **200** for providing designs for producing MOD items **110**. At **2102**, the order module **402** can provide an electronic marketplace for consumption of a plurality of items. Each of the items can have a separate 3D manufacturing instructions **107** associated with the particular item. For example, a library of designs can be presented to a user **102**. The user **102** may select a design for a MOD item **110** that the user **102** would like to produce on the user's 3D manufacturing apparatus **108**. At **2104**, responsive to selection of one of the items by a user **102**, the delivery module **1002** can provide to the user **102** with access to the design. For example, the delivery module **1002** may provide the user **102** with access to the 3D manufacturing instructions **107** associated with the selected item such that the user **102** can use the 3D manufacturing instructions **107** in a 3D manufacturing apparatus **108** to manufacture the selected item as a MOD item **110**. In some aspects, the user's access to the design is limited. For example, the user's access to the design may be limited by rights management mechanisms, such as permission restrictions that limit use of the design to a certain time window and/or to a certain number of uses. For example, the access to the design may be limited to a single use or to an amount of time based on an estimated amount of time for the manufacturing apparatus **108** of the user **102** to produce a MOD item **110** from the design. As another example, the access to the design may be limited to use initiated within a certain window (e.g., 24 hours after access is first granted). In some aspects, the user's access to the design is limited by providing executable code for producing the design on the user's 3D manufacturing apparatus **108** rather than providing the design code. In some aspects, data encryption can secure design data and/or prevent improper copying.

[0120] In some aspects, one or more of the services discussed above (providing designs, providing 3D manufacturing services, or providing designs and 3D manufacturing services) can be presented to a user **102**. FIG. **22** is an example network page **2200** providing options for selecting design services **2202**, 3D manufacturing services **2204**, and/or design and 3D manufacturing services **2206**.

Electronic Marketplace for MOD Items

[0121] Systems discussed herein may provide various methods for providing an electronic marketplace in which providing a MOD item **110** is one of multiple options for fulfilling an order **104** for an item. The methods utilized for providing an electronic marketplace in which providing a MOD item **110** is one of multiple options for fulfilling an order **104** for an item may affect the functions performed by various modules discussed above. The following discussion of examples of methods for providing an electronic marketplace in which providing a MOD item **110** is one of multiple options for fulfilling an order **104** for an item may illustrate ways that such methods may affect the functions performed by previously discussed modules.

[0122] Methods can be provided for providing an electronic marketplace in which providing a MOD item **110** is one of multiple options for fulfilling an order **104** for an item. FIG. **23** is a flow chart representing a process **2300** that can be executed by a system **200** for providing an electronic marketplace in which providing a MOD item **110** is one of multiple options for fulfilling an order **104** for an item. At **2302**, the order module **402** can provide an electronic market place with items for consumption. Each item in the electronic marketplace can be designated as either a first-type item or a second-type item. The first-type items can be designated for production as a MOD item **110**. The second-type items can be designated not for production as MOD items **110**. At **2304**, the order module **402** can receive a request for an item. The item may be either a first-type item or a second type item. If the requested item is a first-type item (YES at **2306**), then at **2308** the manufacture module **802** can provide instructions to manufacture the first-type item as a MOD item **110**. At **2310**, the delivery module **1002** can provide instructions for providing the manufactured first-type item. For example, the delivery module **1002** may provide instructions that the manufactured item be provided via a 3D manufacturing appa-